

Clearance Certification
Project Document
or
Project AWP 2020



SHORT TITLE : SREPGen

PROJECT NUMBER: _____ **Award ID:** 00073939 **Project ID:** : 00086516

(I) SUBMITTING PROGRAMME MANAGER :

I have checked, and hereby certify, the following:

1. Reasons and justification for this revision are clearly indicated on the cover page.
2. All relevant parties are in agreement with the revision:
 - as indicated in the justification, or
 - as per signature(s) obtained on the cover page, or
 - as per written agreement as has been referenced in relevant signature block.
3. An analysis of the budget increase/decrease (in case more than \$10,000) has been made and is attached.
4. The cover page and budget are according to standard format.

Signature: 

Date: 11/02/2020

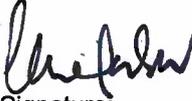
(II) CLUSTER HEAD :

I have reviewed and hereby recommend approval of **AWP 2020 Version A** :

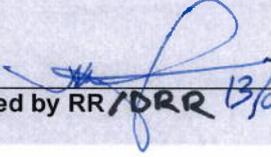
Signature: 

Date: 11/2/2020

(III) PARTNERSHIP CLUSTER :

CLEARANCE FROM DESK OFFICER:	CLEARANCE FROM ARR:
<input checked="" type="checkbox"/> I have verified the attached submission and confirm that this Project AWP 2020 version A is in accordance with existing rules. <input type="checkbox"/> Justification for return Signature:  Date: 11/02/2020	Recommendation for approval  Signature: _____ Date: 12.02.2020

~~Recommended/Approved by DRR~~

Approved by RR/DRR  13/02/20

Note: Please return Approved Budget Revision to Partnership Cluster who retains original and forwards copy to Programme Manager concerned for his/her file and submission to national and, if applicable, UN agencies.

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UNDP Bangladesh
2020 Annual Work Plan (AWP) Review Checklist

Award ID: 00073939 Project ID: 00086516 Title: SREPGen Project					
Format and General Issues:		Yes	No	N/A	Comments
1	Submitted AWP is prepared in Standard Prescribed Format including AWP cover page	✓			
2	Atlas codes correctly mentioned (Award ID, Project ID, and Project title, Donor, Account, Fund	✓			
3	AWP Planning meeting conducted	✓			
4	Minutes of the Appraisal/Review meeting attached	✓			
5	Annual/Mid year Review Meeting conducted	✓			
6	Annual HR, Procurement and Communications plans are prepared and attached with AWP	✓			
7	Resources are available to support the AWP	✓			
8	AWP is approved by the Implementing Partner, if applicable	✓			
9	AWP is endorsed/agreed by the Project Board/Steering Committee, if applicable		✓		
10	Signature of the Project Manager/NPD available in the AWP	✓			
Results Related Issues:		Yes	No	N/A	
1	The AWP reflects overall priorities of the year	✓			
2	The activities are clearly defined (indicate what exactly will be done, to the point with expected timelines by quarter)	✓			
3	The activity lines spell out the geographic location wise intervention	✓			
4	Possible areas of collaboration with other projects have been considered in project activities	✓			
5	Outputs and activities are aligned to the UNDAF, CPD and project document (The listed activity/s can be directly attributed to the achievement of the expected country programme	✓			
6	The activity/s implemented with CSOs, academic institutions, other quasi-Governmental institutions, and other UN agencies as implementing partners are reflected in the work plans	✓			
7	A one page summary of intended/achievable results is attached	✓			
8	The Outcome / Intermediate Outcomes and Outputs are correctly entered as per the language in the Results Framework	✓			
9	M&E plan attached and adequately budgeted in the AWP	✓			
10	Field monitoring plan attached (for field-based project only)	✓			
11	Risk Log, Issue Log, monitoring Log updated in ATLAS and attached with AWP	✓			
12	Gender Marker is attributed in ATLAS	✓			
13	Lessons learned have been incorporated in the AWP, as per the last APR minutes	✓			
14	Baseline, Target and Deliverables for 2020 are aligned to the Results Framework	✓			
15	Baseline data for each indicator have been collected	✓			
16	Annual target for each indicator has been set	✓			
17	3 to 5 annual key results have been identified and attached	✓			
18	The Targets and baselines are gender-disaggregated where a population group is being	✓			
19	Articulation of results of the AWP has followed the SMART and RBM guidelines	✓			
20	Assumptions and risks specific to each output and outcome is contextualised and clearly spelt	✓			
21	Knowledge Management has been planned and budgeted	✓			
22	Generation and use of evidence - from monitoring, research and/or evaluation - has been	✓			
23	The Budget comply with the spirit of Results Based Budgeting (RBB)	✓			
Resources Related Issues:		Yes	No	N/A	
1	Total proposed budget for the AWP does not exceed approved total project budget	✓			
2	The AWP budget is within the scope of the funds availability/commitment (available Cash + Commitment)	✓			
4	Appropriate provisions are available according to the AWP Commissioning memo (Common cost, GMS, DPC, Communication, M&E etc.)				
5	Updated list of Equipment assets with the project/Programme showing UNDP assets	✓			
6	The summary page reflects the resources	✓			

Remarks/Comments (including justification for returning to Programme cluster):

Submitted by the Project: *[Signature]* **Md. Taibur Rahman** Date: **01.09.2020**
Project Manager, SREPGen Project

Cleared by Programme Cluster: *[Signature]* **Md. Khurshid Alam** Date: **9/2/2020**
Assistant Resident Representative

Cleared by Partnerships Cluster: *[Signature]* **Arif M. Faisal** Date: **09/02/2020**
Programme Specialist (Environment Sustainability & Energy)

Signed by DRR/RR: *[Signature]* Date: **13/02/20**
UNDP Bangladesh

[Signature] **UNDP Bangladesh** Date: **11.02.2020**

Recd on 9/2/20

United Nations Development Programme



Empowered lives
Resilient nations

Budget Version-“I”

UNDAF Outcome(s)/Indicator(s): (Link to UNDAF outcome., If no UNDAF, leave blank)	UNDAF Outcome: By 2020, relevant state institutions, together with their respective partners, enhance effective management of the natural and man-made environment focusing on improved sustainability
Expected Outcome(s) /Indicator (s): (CPAP outcomes linked to the MYFF goal and service line)	Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups
Expected Output(s)/Annual Targets: CPAP outputs linked to the above PAP outcome)	Government institution have improved capacities, and institution and legal frameworks to respond to and ensure resilient recovery from earthquakes, weather extremes, and environmental emergencies
Implementing partner:	Power Division, Ministry of Power Energy and Mineral Resources
Responsible parties:	Sustainable & Renewable Energy Development Authority (SREDA)

Brief Description

The objective of the Project is to reduce the annual growth rate of GHG emissions from the fossil fuel-based power Generation by exploiting Bangladesh’s renewable energy resources for electricity generation. The basic approach of the Project will be to promote renewable energy in Bangladesh through the recently established Sustainable and Renewable Energy Development Authority (SREDA). For Bangladesh to achieve a greater share of renewable energy (RE) in its energy mix, the Project will support activities that will (i) transform SREDA into a strong RE project facilitation center to bring confidence to private RE investors and increase the number of approved RE projects; (ii) increase the capacities of appropriate government agencies to generate, process, obtain and disseminate reliable RE resource information for use by potential project developers and investors; (iii) increase the affordability of photo-voltaic solar lanterns (PVSLs) for low income households by supporting pilot PVSL diffusion activities; and (iv) increase the share of RE in Bangladesh’s power mix through facilitating the financing, implementation and operation of pilot (RE) energy projects using rice husk and solar panels. The lessons learned from the pilot plants will be utilized to scale-up the dissemination of PVSLs and investment in on-grid RE projects and RE technologies.

Justification for Budget/Revision:

To reflect best estimated AWP 2020

Programme Period: 2014-2020
 Programme: Renewable Energy Generation
 Project Title: Development of Sustainable Renewable Energy Power Generation (SREPGen) Generation
 Award ID: 00073939
 Project ID: 00086516
 Project Start date: 01 January 2014
 Project End date; 26 May 2020 ✓
 Management Arrangement: NIM Implementation

Summary of UNDP and Cost-Sharing inputs (as per attached budget) US \$			
	Previous Code “H”	Revised “I”	Increase/ (Decrease)
UNDP			
• GEF	4,077,272.00	4,077,272.00	-
• Co-Financing	-	-	-
Cost Sharing			
• Government			
• Financial Institutions			
• Other			
Total	4,077,272.00	4,077,272.00	-

Agreed by National Project Director:

Md. Helal Uddin
 National Project Director
 SREPGen Project
 & Chairman, SREDA
 Power Division

Date 30.01.20.

Approved by UNDP:

[Signature]
 13/2/20

Date:

Annual Work Plan (AWP) for 2020: Version A



Atlas Project ID: 00073939																					
Atlas Output ID: 00086516																					
Project/Programme Title:		Development of Sustainable Renewable Energy Power Generation (SREPPGen)																			
UNDAE Outcome:		Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable in DP and																			
Applicable Output(s) from the UNDP Strate		(SP Outcome 1) Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for poor																			
CPD Outcome:		(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable																			
CPD Output(s):		(CPD Output: 3.2) The Government has the capacity to set up regulatory and to implement a range of pro-poor, resilience- focused green economic initiatives.																			
EXPECTED OUTPUTS		PLANNED ACTIVITIES				Timeframe		Responsible Party		Implementing Agency		Fund Code		Donor		Budget Code		Planned Budget			
Components or major interim Results of the project ; To be shown as Activities in Atlas		Activity Results are the Outputs of the Project and Actions are the activities for achieving each output- not to be included in Atlas				Activity number		Q1 Q2 Q3 Q4		Implementing Agency		Fund Code		Donor		Budget Code		Budget Descriptor		Amount (USD)	
Activity 1 and Indicators		SREDA evolves into a facilitation center to support private sector RE investment development																			
SREDA evolves into a facilitation center to support private sector RE investment development		SREDA need based RE consultant		Activity1		X X		UNDP		001981		62000		GEF Trustee		71300		Local Consultants		11,685.34	
Baseline (2014): 0 (0 MW)																					
Baseline (2019): 6 (532 MW)																					
Indicators: 1.1 Number of on-grid RE projects approved based on studies of improved RE policy and tariffs and RE grid integration and SREDA operational rules (in MW)		Contractual Service (PM, M&E etc.)		Activity1		X X		UNDP		001981		62000		GEF Trustee		71400		Contractual Services - Indivd		8,000.00	
2020 Target / Deliverables: 7 (582 MW)																					
Related CPD Outcome: (CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups																					
Total Activity 1 19,685.34																					
Activity 2 and Indicators		Resource Assessment Support Program: Increased capacities of relevant government agencies to generate, process, obtain and disseminate reliable RE resource information for use by GoB and potential project developers and investors.																			
Resource Assessment Support Program: Increased capacities of relevant government agencies to generate, process, obtain and disseminate reliable RE resource information for use by GoB and potential project developers and investors.		Promotional work under component -2 (Video & existing Publication) (Communication)		Activity2				UNDP		001981		62000		GEF Trustee		71300		Local Consultants		10,000.00	
Baseline (2019): 100%, 100%, 10%																					
Baseline (2019): 0%, 0%, 0%		Communic & Audio Visual Equip		Activity2				UNDP		001981		62000		GEF Trustee		71300		Communic & Audio Visual Equip		1,000.00	
Indicators: Number of RE resource assessments coverage area (For Solar, Biomass & Wind) of the country for identification of potential utility scale RE projects including private sector		Contractual Service (PM, M&E etc.)		Activity2		X		UNDP		001981		62000		GEF Trustee		71400		Contractual Services - Indivd		24,000.00	
2020 Target / Deliverables: 100%, 100%, 100%																					
Related CPD Outcome: (CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups		Wind Resource Assessment Support using Wind integration pilot at Monpura		Activity2		X X		SREDA		008055		62000		GEF Trustee		72100		Contractual Services Company		132,181.63	
Final Solar Tradiation Data handover, analysis training and data Management training at IIT, Germany		Activity2		Activity2				UNDP		001981		62000		GEF Trustee		75700		Learning Cost-		15,000.00	
Irradiation stations monitoring, ensuring continuous data generation and reporting, linking with web-GIS database		Activity2		Activity2				UNDP		001981		62000		GEF Trustee		71300		Local Consultants		6,000.00	
Training /Capacity Development		Activity2		Activity2				UNDP		001981		62000		GEF Trustee		75700		Learning Cost-		4,000.00	

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EXPECTED OUTPUTS	PLANNED ACTIVITIES	Activity number	Timeframe				Response Party	Implementing Agency	Fund Code	Donor	Budget Code	Planned Budget Budget Description	Amount (USD)
			Q1	Q2	Q3	Q4							
Increased affordability and access to photovoltaic solar power and associated livelihood benefits for low income households	Study on Appraisal of Energy Net Metering System for scale up	Activity3	X	X			UNDP	001981	62000	GEF Trustee	71300	Local Consultants	15,000.00
	RE Specialist	Activity3	X	X			UNDP	001981	62000	GEF Trustee	71300	Local Consultants	8,000.00
	Impact Study of Mini-grid at Mangura and Promotional work under component -3 including media visit	Activity3		X			UNDP	001981	62000	GEF Trustee	71300	Local Consultants	30,000.00
	Policy Study Proposed by SREDA and Power Division	Activity3					UNDP	001981	62000	GEF Trustee	71300	Local Consultants	20,000.00
	EIA for waste to energy project and Wind project	Activity3					UNDP	001981	62000	GEF Trustee	71300	Local Consultants	5,000.00
	Technical assessment of distribution line of mini-grids for Grid Integration (Continuation)	Activity3					UNDP	001981	62000	GEF Trustee	71300	Local Consultants	30,000.00
	Terminal Evaluation Consultant Local	Activity3	X	X			UNDP	001981	62000	GEF Trustee	71200	Int. Consultants	10,000.00
	Terminal Evaluation Consultant Local	Activity3	X	X			UNDP	001981	62000	GEF Trustee	71300	Local Consultants	10,000.00
	Publication for SREDA & Promotional activity	Activity3					UNDP	001981	62000	GEF Trustee	71300	Local Consultants	10,000.00
	Contractual Service (PM, M&E etc)	Activity2		X			UNDP	001981	62000	GEF Trustee	71400	Contractual Services - Indivd	5,000.00
	Travel	Activity3					UNDP	001981	62000	GEF Trustee	71600	Travel	2,000.00
	Contractual Services-Companies (DPC)	Activity3					UNDP	001981	62000	GEF Trustee	72100	Contractual Services-Companies	2,000.00
	Communic & Audio Visual Equip	Activity3					UNDP	001981	62000	GEF Trustee	72400	Communic & Audio Visual Equip	5,000.00
Grant for different RE system (Wind Integration with Mompura Solar Mini-Grid) (Committed Already and Advance given) (LNOB)	Activity3					SREDA	008055	62000	GEF Trustee	72100	Contractual Services Company	222,298.81	
Grant for different RE system (Mini-grid, Wind, Micro Hydro etc) (LNOB)	Activity3					SREDA	008055	62000	GEF Trustee	72100	Contractual Services Company	41,431.71	
Workshop/Seminar (PMU)	Activity3		X			UNDP	001981	62000	GEF Trustee	75700	Workshop/Learning Cost	3,500.00	
Total Activity 3												409,230.52	
Activity 3 and Indicators												192,181.63	
Increased affordability and access to photovoltaic solar power and associated livelihood benefits for low income households													
Baseline (2014): 0 (Tier 1); 0 (Tier 3), Indirect													
• 0 (Tier 1); • 0 (Tier 3)													
Baseline (2019): 6000 (Tier 1); 2000 (Tier 3), Indirect													
• 5000 (Tier 1); • 3000 (Tier 3)													
Indicators: Number of low income households that have new access to RE power													
2020 Target / Deliverables: 6170 (Tier 1); 3500 (Tier 3), Indirect													
• 5000 (Tier 1); • 4000 (Tier 3)													
Related CPD Outcome: (CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups													

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EXPECTED OUTPUTS	PLANNED ACTIVITIES	Activity number	Timeframe				Response Party	Implementing Agency	Fund Code	Donor	Budget Code	Planned Budget Description	Amount (USD)	
			Q1	Q2	Q3	Q4								
Components or major Interim Results of the project ; To be shown as Activities In Atlas	Activity Results are the Outputs of the Project and Actions are the activities for achieving each output- not to be included in Atlas	Activity 4					SREDA	008055	62000	GEF Trustee	72100	Contractual Services Company (F/A)/Grant	411,365.71	
Increase of RE in Bangladesh's power generation mix by EOP	Grant for different RE system as barrier removal piloting and scale up (Waste to Energy through IDCOL and Private Sector, Solar Irrigation Pump through IDCOL and its PO etc.) (Innovation; Private Sector Engagement)	Activity 4												
2020 Target / Deliverables:350 MW	Fibre Solar Boat based on lessons of earlier pilot (Innovation)	Activity 4	X	X			UNDP	001981	62000	GEF Trustee	72100	Contractual Services- Companies/Institute	20,000.00	
Relevant C/PD Outcome:(C/PD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups	Contractual Service (PM, M&E, AA etc)	Activity 4	X	X			UNDP	001981	62000	GEF Trustee	71400	Contractual Services- Individual	2,000.00	
	O & D Study of SREDA	Activity 4	X	X			UNDP	001981	62000	GEF Trustee	71300	Local Consultants	74,736.98	
	Installation of 10 Kw/d net metering system in SREDA premises	Activity 4	X	X			UNDP	001981	62000	GEF Trustee	72100	Contractual Services- Companies/Institute	10,441.21	
	M&E Service for wind and WZE Project through IDCOL (As firm or IC via RLA)	Activity 4	X	X			SREDA	008055	62000	GEF Trustee	72100	Contractual Services- Companies/Institute	12,000.00	
Activity 4													470,543.90	
Project Management														
Project Management and Operation cost	Admin Finance Assistant and part of M&E Officer	Activity 5	X				UNDP	001981	62000	GEF Trustee	71400	Contractual Services- Individual	1,636.46	
	Communications	Activity 5	X				SREDA	008055	62000	GEF Trustee	72400	Communications	528.65	
	Audit, M&E, Meeting Workshop etc	Activity 5	X				UNDP	001981	62000	GEF Trustee	75700	Workshop/Learning Cost	79.50	
Total Activity 5												2,244.61		
Total 2020 Project Budget												1,093,886.00		

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EXPECTED OUTPUTS Components or major Interim Results of the project : To be shown as Activities in Atlas	PLANNED ACTIVITIES Activity Results are the Outputs of the Project and Actions are the activities for achieving each output- not to be included in Atlas	Activity number	Timeframe				Responsible Party	Implementing Agency	Fund Code	Donor	Budget Code	Planned Budget	
			Q1	Q2	Q3	Q4						Budget Descriptor	Amount (USD)

Allocation of Resources at a glance for this AWP:

Total by (Activity) (ies):												
Activity 1			19,685.34									
Activity 2			192,181.63									
Activity 3			409,230.52									
Activity 4			470,543.90									
Activity 5			2,244.61									
Total by Implement Agency (ies):			528.65									
NIM (008805)			819,277.86									
NIM DP (008805)			274,079.49									
UNDP (001981)												
Total by Atlas Fund Code(s):			1,093,886.00									
62000			1,093,886.00									
Total by Donor(s)			1,093,886.00									
GEF Trustee			1,093,886.00									

Total for Procurement:	1,63,736.98
Total for Cash Advance:	528.65
Total Programme Cost:	1,091,641.39
Total Operational/Administrative Cost:	2,244.61

This signed AWP along with the approved CPAP constitutes the legal basis for management and implementation of project activities for the period specified in the AWP.

This signed AWP authorizes entering of the project budget in ATLAS and revise accordingly.

An AWP signed by the IP and UNDP hereby authorizes Fund Commitment, Disbursement and Expenditure Reporting.

AWP forms an integral part of the CPAP, and when completed, is annexed thereto and incorporated therein by reference.

This AWP supersedes any previous AWP for the period specified.

Signature on behalf of Implementing Partner:



Md. Taibur Rahman
Project Manager
SREPPG Project-UNDP



Md. Hejal Uddin
National Project Director
SREPPG Project



Md. Khurshid Alam
Assistant Resident Representative
Resilience & Inclusive Growth Portfolio



Sudipto Mukerjee
Resident Representative
UNDP, Bangladesh

Signature on behalf of UNDP:

Award ID: 00000073939
 Award Title: Development of Sustainable Renewable Energy Power Generation (SRPEGen)
 Project ID: 00086516
 Project Title: Development of Sustainable Renewable Energy Power Generation (SRPEGen)
 Main Sources of fund: UNDP (GEF)
 Executing Agency: National Implementation

Multi-Year Budget with UNDP (2014-2020)

Country: Bangladesh
 Budget Type: Version/Status
 amount in US\$

Budget Code	Code Description	Activity	Implementing Agent	Description	Code	Fund	Description	Code	Donor	2014	2015	2016	2017	2018	2019	2020	Grand Total
71300	Led Cnsts	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	9,459.21	3,311.89	6,138.24	89,226.64	302.14	11,685.34	120,123.46	
71400	Contractiv	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	7,840.55	11,325.09	19,410.44	29,390.85	30,006.74	8,000.00	105,973.67	
72100	Contractual Services-Companies	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	50.10	-	-	-	-	-	50.10	
72200	Contractual Services-Companies	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	19,114.76	-	-	-	21,316.00	-	21,316.00	
71600	Travel	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	850.29	-	-	-	9,140.5	-	9,990.79	
74200	Audio Visual&Print Prod Costs	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	866.67	8,407.76	-	-	-	9,274.43	
74500	Miscellaneous Expenses	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	363.19	-	-	-	-	-	363.19	
72400	Equip&Furn	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72500	Communic & Audio Visual Equip	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	5,341.72	61.69	890.48	9,406.91	9.13	-	16,643.93	
72500	Supplies	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	5,691.48	-	-	-	5,691.48	
73400	Rental & Maint of Other Equip	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	248.79	-	-	-	-	-	248.79	
73500	Reimbursement Costs	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
74200	Audio Visual&Print Prod Costs	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
74500	Miscellaneous Expenses	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
75700	Learning/Workshop	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	10.72	-	-	-	-	10.72	
75700	Learning/Workshop	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	19,032.62	5,047.98	25,310.07	25,310.07	12,735.55	-	62,126.22	
76100	Foreign Exchange Currency Loss	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	(0.50)	-	(15.62)	-	-	(16.12)	
64300	Staff Migrant Costs - IP Staff	ACTIVITY1	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	2,118.00	-	-	-	-	2,118.00	
Sub Total of Activity-1										62,301.23	37,731.26	84,046.27	152,647.97	20,643.29	19,685.34	387,055.36	
71300	Led Cnsts	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	6,356.37	4,896.71	13,566.92	17,000.00	
71600	Travel	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
71400	Contractiv	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72100	Contractual Services-Companies	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72300	Materials & Goods	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72400	Communic & Audio Visual Equip	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	80.33	-	-	-	-	-	80.33	
72500	Stationery & other Office Supp	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72600	Grant	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
74500	Miscellaneous Expenses	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
75700	Learning/Workshop	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
76100	Foreign Exchange Currency Loss	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
63200	Non-Recurrent Payroll - GS SF	ACTIVITY2	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
Sub Total of Activity-2										80.33	-	-	6,356.37	24,244.38	295.47	30,000.00	
71300	International Consult	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
71400	Contractiv	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
71600	Travel	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72300	Materials & Goods	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	1,766.95	796.19	1,361.94	79.53	19,975.53	21,195.44	24,580.56	
72900	Mat&Goods	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72100	Contractual Services-Companies	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72300	Materials & Goods	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	107,145.77	520,051.28	29.15	653,708.69	2,000.00	1,282,905.74	
72400	Communic & Audio Visual Equip	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72500	Publications	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72600	Grant	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	4,242.91	-	-	-	-	-	4,242.91	
72800	Information Technology/ Equipment	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
73100	Rental & Maintenance-Premises	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
73500	Rental & Maint of Info Tech Eq	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
73400	Rental & Maint of Other Equip	ACTIVITY3	UNDP	GEF Trustee	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
Sub Total of Activity-3										11.07	-	-	11,070.00	618.81	263,750.52	315,311.08	
Grand Total										73,193.63	37,731.26	95,402.64	169,004.34	21,612.18	20,000.00	427,842.66	

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74300	Clinic etc./connectivity/email	ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	123.51	673.00	609.48	672.40	-	2,078.39	
74500	Service to Project-GOE	ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
75700	Learning/workshop	ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	91.74	140.58	1,267.18	5,373.84	21,133.86	3,500.00	32,507.30	
76100	Foreign Exchange Currency Loss	ACTIVITY4	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	7,523.43	11,100.12	18,623.55	(64.20)	18,623.55	
63100	Non-Recurrent Payroll - NP SF	ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	(10.00)	(5.58)	(48.62)	-	(64.20)	
63200	Non-Recurrent Payroll - GS SF	ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	326.21	-	326.21	
		ACTIVITY3	001981	UNDP	62000	GEF Trustee	10003	GEF	-	89.48	315.31	555,546.27	729,721.26	142,209.13	409,230.52	1,951,104.31	
		Sub Total Activity-3								6,101.60	108,295.53	555,546.27	729,721.26	142,209.13	409,230.52	1,951,104.31	
71300	Ltd Costs	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72100	Contractual Services-Companies	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	33,415.83	6,463.46	34,278.74	20,000.00	54,115.83	
71400	Contractiv	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	58,220.42	-	-	433,806.92	492,027.34	
71600	Travel	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
71600	Travel	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	-	189.44	817.08	-	-	2,000.00	6,031.78	
71600	Travel	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	37,281.96	2,610.46	1,283.09	7,914.60	-	49,090.11	
72200	Learning/workshop	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
72200	Equip&Furn	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	2,142.00	-	-	-	10,903.78	-	13,045.78	
72400	Communic & Audio Visual Equip	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	943.41	-	-	-	-	
72500	Office supplies	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	1,101.42	6,912.63	-	-	-	-	8,957.46	
72600	Grants to Instt & other benef	ACTIVITY4	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	70,347.73	38,276.42	-	108,624.15	
72100	Contractual Services-Companies	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	117,802.10	-	155.03	-	-	117,957.13	
72500	Contractual Services-Companies	ACTIVITY4	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
74200	Audio Visual&Print Prod Costs	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	1,843.46	-	-	-	-	1,843.46	
74500	Audio Visual&Print Prod Costs	ACTIVITY4	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	2,907.44	435.95	27,452.00	6,978.64	1,301.39	-	8,280.03	
74200	Audio Visual&Print Prod Costs	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	-	
74500	Audio Visual&Print Prod Costs	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	435.95	27,452.00	1,099.23	96.01	-	2,847.95	
74700	Transport, Shipping and handle	ACTIVITY4	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	2,643.35	28,189.96	9,431.71	-	2,486.70	-	42,751.72	
75700	Learning/workshop	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	9,911.38	9,911.38	
76100	Foreign Exchange Currency Loss	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	(16.78)	482.97	1,308.27	(25.10)	-	1,749.36	
64300	Staff Mgmt Costs - IP Staff	ACTIVITY4	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	1,018.33	15,374.00	-	(16,392.33)	-	-	
		Sub Total Activity-4								5,886.77	196,564.49	148,747.88	91,667.23	60,863.64	470,543.90	974,273.91	
63100	Non-Recurrent Payroll - NP SF	ACTIVITY5	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	(326.21)	-	-	
63200	Non-Recurrent Payroll - GS SF	ACTIVITY5	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	6.17	-	-	(2,847.46)	-	6.17	
64300	Staff Mgmt Costs - IP Staff	ACTIVITY5	001981	UNDP	62000	GEF Trustee	10003	GEF	-	2,847.46	-	-	-	11,239.07	-	14,707.80	
71400	Contractiv	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	2,450.81	34,248.84	43,789.31	14,315.94	-	1,636.46	963.90	
72400	Communications	ACTIVITY5	001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	481.95	481.95	-	-	-	963.90	
72400	Communications	ACTIVITY5	,008805	SREDA	62000	GEF Trustee	10003	GEF	-	805.68	1,235.16	404.84	1,012.81	265.17	-	528.65	
72500	Supplies & stationeries	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	714.56	691.76	-	-	-	-	714.56	
72500	Supplies & stationeries	ACTIVITY5	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	-	594.47	-	-	-	-	-	
74200	Audio Visual&Print Prod Costs	ACTIVITY5	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	-	3,221.44	-	-	-	-	3,221.44	
74300	Contributions to CCAQ	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	956.87	-	-	-	-	956.87	
74500	Miscellaneous Expenses	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	-	-	-	(3,555.50)	-	-	
74500	Miscellaneous Expenses	ACTIVITY5	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	-	385.77	7.12	-	5.83	-	524.70	
75700	Learning/workshop	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	80.00	266.24	-	-	-	79.50	
75700	Audit, M&E, Meeting Workshop etc	ACTIVITY5	,008055	SREDA	62000	GEF Trustee	10003	GEF	-	-	-	-	-	-	-	1,485.53	
76100	Foreign Exchange Currency Loss	ACTIVITY5	,001981	UNDP	62000	GEF Trustee	10003	GEF	-	-	384.84	-	-	-	-	-	
		Sub Total Activity-5								3,256.49	48,946.07	44,948.88	15,794.53	4,872.39	2,244.61	161,830.93	
		Grand Total								3,256.49	123,316.00	384,359.24	839,645.67	1,113,852.46	518,956.14	1,093,886.00	4,077,272.00

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Summary of the Multi Year Budget (2014-2020)

Level of budgeting	Activity ID	Implementing Agent	Fund Code	Donor Code	Year						Total Planned Budget	
					2014	2015	2016	2017	2018	2019		2020
Activity Level Budgeting	Activity1				-	62,201.23	37,731.26	84,046.27	162,647.97	20,643.29	19,685.34	387,055.36
	Activity2				-	80.33	-	6,396.37	114,021.47	290,367.69	197,181.63	603,007.49
	Activity3				-	6,101.60	108,295.53	555,546.27	729,721.26	142,209.13	409,230.52	1,951,104.31
	Activity4				-	5,886.77	196,564.49	148,747.88	91,667.23	60,863.64	470,543.90	974,273.91
	Activity5				3,256.49	48,946.07	41,767.96	44,948.88	15,794.53	4,872.39	2,244.61	161,830.93
	Total by Output level				3,256.49	123,316.00	384,359.24	839,645.67	1,113,852.46	518,956.14	1,093,886.00	4,077,272.00
Implementing Agent level Budgeting		008055	NIM		-	48,920.20	162,945.00	623,015.24	678,640.82	3,556.28	849,247.72	2,366,325.26
		001981	DCOS		3,256.49	74,395.80	221,414.24	216,630.43	435,211.64	515,399.86	244,638.28	1,710,946.74
				Total by Implement Agent	3,256.49	123,316.00	384,359.24	839,645.67	1,113,852.46	518,956.14	1,093,886.00	4,077,272.00

1. The above budget is informative/indicative only. Actual Budget may vary depending on the arrangement/availability of implementing Purpose/Fund/Donor.
 2. The soft version of a budget is required to be submitted to the RMC at the time of revision/approval.
 3. The AWP, generated from ATLAS, should exactly match with the provision of the respective year.

Signature on behalf of implementing Partner:

Md. Talibur Rahman
 Project Manager
 SREPgen-UNDP

Md. Rehal Uddin
 National Project Director
 SREPgen Project

Mid Kurushy Alam
 Assistant Resident Representative
 Resilience & Inclusive Growth Portfolio

Signature on behalf of UNDP

Sudipto Mukherjee
 Resident Representative
 UNDP Bangladesh

30.10.20

04/9/20

13.12.19

Country/Office: Bangladesh
 Submitted by: Mohammad Nurul Alam
 Date: 27.01.2020

Project Name(SREPGen) Procurement Plan - 2020

Instructions:
 - Only include procurements to be done by UNDP for DIM, Management, support-to-NIM projects
 - If you need additional lines, right-click and "insert" rows, do not copy-paste, to keep drop-down menus & format.

Project Name	Project ID	Type of Procurement Action	Title of Procurement Action	Procurement Category	Description of goods, services or works required	Unit of Measure	Quantity	Estimated Unit Price in USD	Estimated Total Price in USD	Multi-year contract	2020	2021	Amendment 1	Amendment 2	Amendment Value	Procurement request submission	Target Purchase Order Date	Final Delivery Date of goods/services	Procurement of goods/services	Remarks	
SREPGen	,00086518	IC	Individual Consultant (IC)	Communication Specialist	Communication material eg. Video	EA	1	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	15-Mar-19	GoB/JUN DP/GEF	Not Started	Single source selection; TOR prepared
SREPGen	,00086518	IC	Individual Consultant (IC)	Renewable Energy Specialist	Irradiation monitoring and data analyst	EA	1	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	15-May-19	GoB/JUN DP/GEF	Not Started	Single source selection; TOR prepared
SREPGen	,00086518	IC	Individual Consultant (IC)	Renewable Energy Specialist	Appraisal study of established Energy Net Metering System for scaling up	EA	1	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00	\$0.00	No	No	N/A	5-Feb-20	25-Feb-20	15-Apr-19	GoB/JUN DP/GEF	Not Started	Desk Review; TOR under preparation
SREPGen	,00086519	IC	Individual Consultant (IC)	Renewable Energy Specialist	RE Specialist	EA	1	\$8,000.00	\$8,000.00	\$8,000.00	\$0.00	\$0.00	No	No	N/A	20-Feb-20	2/30/2020	20-May-19	GoB/JUN DP/GEF	Not Started	Single source selection; TOR prepared
SREPGen	,00086519	IC	Individual Consultant (IC)	Socio-economic expert	Impact Study of Mini-grid at Manipura and Promotional	EA	1	\$30,000.00	\$30,000.00	\$30,000.00	\$0.00	\$0.00	No	No	N/A	5-Feb-20	25-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review; TOR prepared
SREPGen	,00086519	IC	Individual Consultant (IC)	Renewable Energy Specialist	Need based RE Policy study proposed by SREDA	EA	1	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review; SREDA will let the project know by January
SREPGen	,00086519	IC	Individual Consultant (IC)	Project terminal Evaluation	Terminal Evaluation	EA	1	\$30,000.00	\$30,000.00	\$30,000.00	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review/Open by COJ/TOR under preparation
SREPGen	,00086519	IC	Individual Consultant (IC)	Project terminal Evaluation	Terminal Evaluation	EA	1	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review; TOR under preparation
SREPGen	,00086519	Services	Contractual Services- Companies/Institute	Pilot development	Fibre Solar Boat based on lessons of earlier pilot (Innovational)	EA	1	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	\$0.00	No	No	N/A	5-Feb-20	29-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review; TOR under preparation
SREPGen	,00086519	Services	Contractual Services- Companies/Institute	Others	C & D Study of SREDA	EA	1	\$14,736.98	\$14,736.98	\$14,736.98	\$0.00	\$0.00	No	No	N/A	25-Jan-20	15-Feb-20	5-May-19	GoB/JUN DP/GEF	Not Started	Desk Review; TOR under preparation
Total Value										\$165,736.98											

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 20.01.20
Md. Hejal Uddin
 National Project Director
 SREPGen Project
 SREDA
 & Chairman, SREDA
 Power Division

Development of Sustainable Renewable Energy Generation (SREPPGen) Project Communications Action Plan-2020

Target audience	Communication Activities & Tools	Timing	Expected Result/Indicator of achievement	Resource requirements	Responsible CO Unit/Person
Mass People (including youth, women, PwD and marginalized), donors, government, academia, NGO, private sectors	Publishing audio visual documents to promote SREDA and SREPPGen Project (promotional work under component-2 (video & existing publication)	Q1	Increases awareness among wide range people on renewable energy	USD 10,000	CO communications team & PMU of SREPPGen Project
Government, donors, academia, NGO, private sectors	Impact Study on mini-grid at Manpura	Q2	To know the impact of mini-grids on rural economies and livelihoods	USD 30,000	PMU of SREPPGen Project
Mass People (government, donors, academia, NGO and private sectors)	Publication for SREDA & Promotional activity - communication document publication	Q1	Increases awareness among wide range people on renewable energy	USD 10,000	PMU of SREPPGen Project
Mass People (government, donors, academia, NGO and private sectors involving youth)	Workshop/Seminar engaging youth	Q2	Increase awareness in government, private sectors academia, NGO and private sectors including youth to invest and promote renewable energy	USD 35,000	PMU of SREPPGen Project




Md. Helal Uddin
National Project Director
SREPPGen, SREDA
& Chairman, SREDA
& Power Division

Development of Sustainable Renewable Energy Generation (SREPPGen) Project

Gender Action Plan-2020

Actions	Proposed Indicator	Timeline	Budget allocation		Person/Unit Responsible
			Budgeted amount (USD)	%	
Outcome-1 Increased affordability and access to photovoltaic solar power and associated livelihood benefits for low income households	Number of low income households (women headed households) that have new access to RE (Renewable Energy) power	Q2	885627	30%	PMU of SREPPGen Project (PM/JFP/M&E Focal)




Md. Helal Uddin
 National Project Director
 SREPPGen Project
 Chairman, SREDA
 Power Division

UNDP Bangladesh Recruitment Plan - 2020

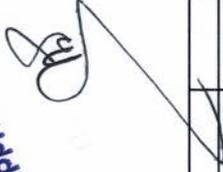
Project/Country Office: Development of Sustainable Renewable Energy Power Generation (SREPGen)

1. Position management- Existing Staff (both national and international if applicable)

Name	Position title	Contract modality	Category/Band	Contract end date	Planned extension	Remarks
Md. Taibur Rahman	Project Manager	SB	SB4	26-May-2020		
Mahsin Hamuda	M&E officer	SB	SB3	26-May-2020		
Tanzina Dishad	Project Officer	SB	SB3	26-May-2020		
Mohammad Nurul Alam	Admin & Finance Assistant	SB	SB2	26-May-2020		

2. Recruitment Plan for 2020- New Hire

Position	Annual Work Plan reference	Contract modality	Number of positions	Category/Band	Contract duration	Expected Date of joining	Funding availability
N/A							


Md. Helal Uddin
 National Project Director
 SREPGen, SPEDA
 & Chairman, Power Division

Project Monitoring and Evaluation Plan

Project Title and Duration:		Development of Sustainable Renewable Energy Power Generation (SREPGen) Project, December 2014 - May 2020									
Project ID (Atlas)		86516									
UNDAF/CPD Outcome:		(CPD Outcome 3) Enhance effective management of the natural and man-made environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups (CPD Output 3.2) The Government has the capacity to set up regulatory and to implement a range of pro-poor, resilience- focused green economic initiatives (UNDAF Outcome 2) Enhance effective management of the natural and manmade environment focusing on improved sustainability and increased resilience of vulnerable individuals and groups (UNDAF Output 2.1) National policies, legal documents and guidelines updated for generation and use of renewable energy, conservation of forest resources, protection of at-risk areas, addressing environmental pollution and Disaster Risk Reduction									
Strategic Plan Outcome:		(SP Outcome 1) Advance poverty eradication in all its forms and dimensions (SP Output 1.5) Inclusive and sustainable solutions adopted to achieve increased energy efficiency and universal modern energy access (especially off-grid sources of renewable energy)									
<i>Expected Output 1: SREDA evolves into a facilitation center to support private sector RE investment development through developing regulation, guidelines, action plan, handbook and building capacity</i>											
Project Output Indicators	Baseline	Target	Progress Against Target (M/Y)*	Data Collection Methods		Means of Verification	Frequency	Responsibilities	Resources (Cost)	Assumptions and Risks	
	(Year)	(Year)		(M&E Activities)	(data sources)						
1.1 Number of on-grid RE projects approved based on studies of improved RE policy and tariffs and RE grid integration and SREDA operational rules (in MW)	0 [2014]	1 (50 MW) [2020]	10(1263) [2019]	Reviewing records of SREDA		Final guideline, policy documents, templates, handbook	Annual	SREDA, SREPGen	Not applicable	Capacity of government does not substantially delay approval of RE policies/regulations and guidelines	
<i>Expected Output 2: Increased capacities of relevant government agencies to generate, process, obtain and disseminate reliable RE resource information for use by Gold and potential project developers and investors.</i>											
Project Output Indicators	Baseline	Target	Progress Against Target (M/Y)	Data Collection Methods		Means of Verification	Frequency	Responsibilities	Resources (Cost)	Assumptions and Risks	
	(Year)	(Year)		(M&E Activities)	(data sources)						
2.1 Number of RE resource assessments coverage area (for solar, wind and biomass) of the country for identification of potential utility scale RE projects including private sector	0 [2014]	100%, 100%, 100% [2020]	100%, 100%, 10% [2019]	Reviewing reports		Final report	Annual	SREDA, SREPGen	Not applicable	Domestic stakeholders have capacity and willingness to be trained through learning-by-doing wind resource assessment activities; relevant organizations have willingness to allocate these individuals' time to participate	

Expected Output 3: Increased affordability of photovoltaic solar (including LED lanterns e.g. PVSLS and other Renewable Energy Power system for low income households




Md. Helal Uddin
 National Project Director
 SREPGen, SREDA
 & Chairman, SREDA
 Power Division

Project Output Indicators	Baseline	Target	Progress Against Target (M/Y)	Data Collection		Frequency	Responsibilities	Resources (Cost)	Assumptions and Risks
	(Year)	(Year)		Methods (M&E Activities)	Means of Verification (data sources)				
3.1[3.2] Number of low income households that have new access to RE power are able to afford monthly payments from established and operational financial mechanisms for the purchase and use of PV/SLS. As per the MTR, "have new access to RE power" was added to the description for clarity.	0 (Tier 1) [2014] 0 (Tier 3) [2014]	Direct: 6170 (Tier-1), 3500 (Tier-3+) [2020] Indirect: 50,000 (Tier-1), 40000(Tier-3) [2020]	Direct: 6000 (Tier 1), 2000 (Tier 3+)[2019] Indirect: 50000 (Tier 1), 30,000 (Tier 3)[2019]	Reviewing project document	Project records of mini-grid activities, initial project survey of off-grid villages; project records of distribution of pico-PV systems	Annual	SREDA, SREPPGen, IDCOL	Not applicable	Consumers in off-grid villages have demand for access to power or increased access to power and capability to pay for this on an as needed or pay-as-you-go basis.

Expected Output 4: Renewable energy accounts for an increased share of Bangladesh's power generation mix

Project Output Indicators	Baseline	Target	Progress Against Target (M/Y)	Data Collection		Frequency	Responsibilities	Resources (Cost)	Assumptions and Risks
	(Year)	(Year)		Methods (M&E Activities)	Means of Verification (data sources)				
4.1[4.2] MW of RE off-grid projects installed by EOP	162 [2014]	305[2020]	299 [2019]	Reviewing documents and website of SREDA	SREDA website and master plan of SREDA	Annual	SREDA, SREPPGen	Not applicable	Financial institutions find risk of power projects in Bangladesh acceptable and are willing to provide debt and
4.3[4.4] % increase of RE in Bangladesh's power generation mix by EOP	1.5 [2014]	4[2020]	2.84 [2019]	Reviewing documents and website of SREDA	SREDA website and master plan of SREDA	Annual	SREDA, SREPPGen		

SP Output 1.5.1 (Energy): Solutions adopted to achieve universal access to clean, affordable and sustainable energy

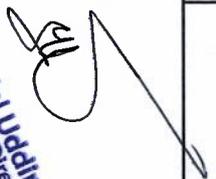

Md. Helal Uddin
 National Project Director
 SREPPGen, SREDA
 & Chairman, Division
 of Power Division

SP Output Indicators with code number	Baseline	Target	Progress Against Target (M/Y)	Data Collection Methods (M&E Activities)	Means of Verification (data sources)	Frequency	Responsibilities	Resources (Cost)	Assumptions and Risks
	(Year)	(Year)		(M&E Activities)	(data sources)				
Indicator 1.5.1.1 Number and proportion of households benefiting from clean, affordable and sustainable energy access: Total	0 [2014]	7000 [2019] 10000 [2020]	7000 [December-2020]	-Outcome study/monitoring -Field visit	Annual Review; Monthly and Quarterly Report of IDCOL; Monitoring Report	Annual, biannual, quarterly	SREDA, SREPGen, IDCOL	Not applicable	Enabling environment of government substantially promotes to increase access to renewable energy

Evaluation

Evaluation Title	UNDP Strategic Plan Outcome	Partners	Evaluation commissioned by (if not UNDP)	Type of Evaluation	Planned Evaluation Completion Date (Month/Year)	Estimated Cost	Provisional Source of Funding
Terminal Evaluation	SP Outcome 1. (SP Outcome 1) Advance poverty eradication in all its forms and dimensions; (SP Output 1.5) Inclusive and sustainable solutions adopted to achieve increased energy efficiency and universal modern energy access (especially off-grid sources of renewable energy)	I. Executive Agency: Sustainable and Renewable Energy Development Authority (SREDA) II. Sponsoring Ministry: Ministry of Power Energy and Mineral Resources	GEF	Final Project Evaluation	15.02.2020	US \$40,000	Donor resources




Md. Helal Uddin
 National Project Director
 SREPGen Project
 & Chairman, SREDA
 Power Division



Khondker Pervez Ahmed

From: Mohammad Nurul Alam
Sent: Tuesday, February 4, 2020 4:30 PM
To: Khondker Pervez Ahmed
Cc: Md Taibur Rahman
Subject: RE: Communication & RM Plan
Attachments: Communication Action Plan_SREPGen Project_20.1.2020.docx

Dear Pervez Bhai,
Good Day!!

As per your email below, please find attached herewith communication plan-2020 of SREPGen Project for your convenient. Please note that, SREPGen project is going to closed on 26 May 2020 thus, project does not need to prepare Resource Mobilization (RM) plan.

Best Regards,
Nurul Alam
SREPGen Project

From: Khondker Pervez Ahmed
Sent: Tuesday, February 4, 2020 3:38 PM
To: Mohammad Nurul Alam; William Roosevelt Purification; Rhitwik Roy Chowdhury; Masuma Yesmin; Syed Ibrahim Hossain; Habiquil Islam; Md Golam Mostafa; Ashraf Islam Siddique; Md. Mominul Haque; Masud Bhuiyan; Faisal Bin Majid
Cc: Md Abdul Quayyum; Md Maharaj Hossain; Sonia Mehzabeen; Fatematul Jannat; Mohan Prasad Dhakal
Subject: Communication & RM Plan
Importance: High

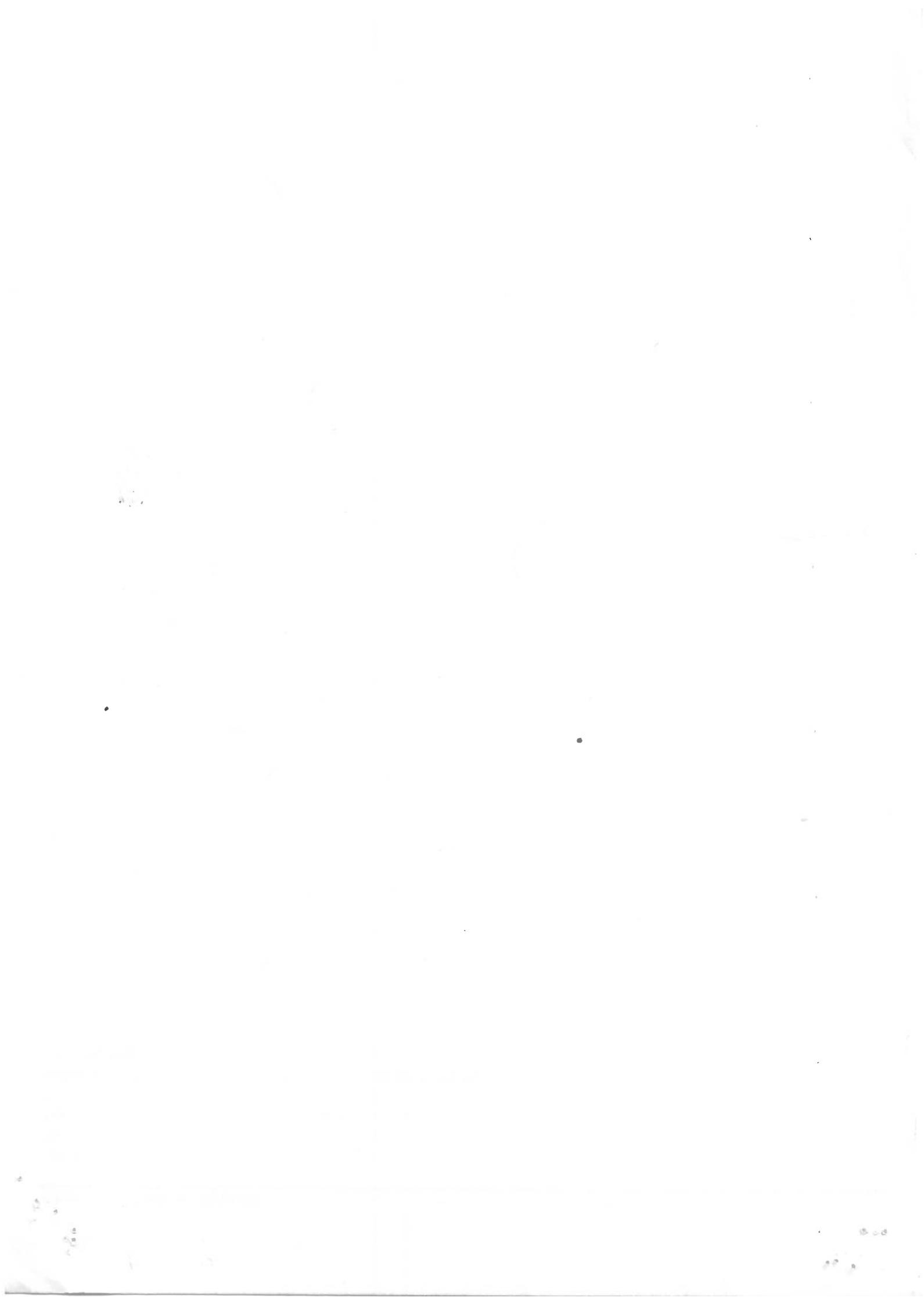
Dear Colleagues,

You are requested to share us the soft copy of Communication and Resource Mobilization (RM) plan for your respective project to be reviewed by the Head of Communications (Md. Abdul Quayyum) as part of the 2020 AWP review exercise. Would appreciate your response by the end of this week (6 Feb 2020).

Look forward to your usual support.

Kind regards,

Pervez



Bureau: RBAP | Business Unit: Bangladesh | Project ID: 00086516 | Year: 2020 | Report Date: February 12, 2020

#	Request ID	Requester Name	Title of Procurement Action	Type of Procurement Action	Procurement Category	Estimated Contract Value (USD)	Is Amendment?	Amendment Value (USD)	Submission Date for Documents	Target Purchase Order Date (if Goods)	Planned Contract Start Date (if Civil Works, IC, or Services)
1	BGD-0000090450	Mohammad Nurul Alam	Irradiation monitoring and data analyst	Individual Contract	Individual Consultants - National	6,000	No	0			10-Feb-20
2	BGD-0000090452	Mohammad Nurul Alam	Video Communication material development	Individual Contract	Individual Consultants - National	10,000	No	0			15-Feb-20
3	BGD-0000090453	Mohammad Nurul Alam	Appraisal study of established Energy Net Metering System for scaling up	Individual Contract	Individual Consultants - National	15,000	No	0			25-Feb-20
4	BGD-0000090454	Mohammad Nurul Alam	RE Specialist	Individual Contract	Individual Consultants - National	8,000	No	0			28-Feb-20
5	BGD-0000090455	Mohammad Nurul Alam	Impact Study of Mini-grid at Manpura	Individual Contract	Individual Consultants - National	30,000	No	0			25-Feb-20
6	BGD-0000090456	Mohammad Nurul Alam	Need based RE Policy study proposed by SREDA	Individual Contract	Individual Consultants - National	20,000	No	0			25-Feb-20
7	BGD-0000090457	Mohammad Nurul Alam	Terminal Evaluation	Individual Contract	Individual Consultants - International	30,000	No	0			25-Feb-20
8	BGD-0000090458	Mohammad Nurul Alam	Terminal Evaluation (Local)	Individual Contract	Individual Consultants - National	10,000	No	0			25-Feb-20
9	BGD-0000090460	Mohammad Nurul Alam	Fibre Solar Boat based on lessons of earlier pilot (Innovation)	Goods	Other Goods - Fiber based solar boat	20,000	No	0		25-Feb-20	
10	BGD-0000090461	Mohammad Nurul Alam	O & D Study of SREDA	Services	Communication / Advocacy Services	14,737	No	0			15-Feb-20
TOTAL						163,737		0			
Grand Total (Estimated Contract Value+ Amendment Value)								163,737			